

CORNELL UNIVERSITY OFFICIAL PUBLICATION

Volume XXI

Number 18

Announcement of the New York State College of Home Economics for 1930-31

Ithaca, New York
Published by the University
June 1, 1930

THE CALENDAR FOR 1930-31

1930		FIRST TERM
Sept. 15	Monday	University entrance examinations begin.
Sept. 22	Monday	Academic year begins. Registration of new students.
Sept. 23	Tuesday	Registration of new and old students.
Sept. 24	Wednesday	Registration of old students.
Sept. 25	Thursday	Instruction begins.
Oct. 17	Friday	Last day for payment of tuition.
Nov. 27-29		Thanksgiving recess.
Dec. 20	Sat. 12.50 p.m.	Instruction ends.
1931		} Christmas recess
Jan. 5	Mon. 8 a.m.	
Jan. 11	Sunday	Birthday of Ezra Cornell. Founder's Day.
Jan. 26	Monday	Term examinations begin.
Feb. 4	Wednesday	Term examinations end.

		SECOND TERM
Feb. 6	Friday	} Registration of all students.
Feb. 7	Saturday	
Feb. 9	Mon. 8 a.m.	Instruction begins.
Feb. 9-14		Farm and Home Week.
Mar. 2	Monday	Last day for payment of second-term tuition.
Mar. 28	Sat. 12.50 p.m.	Instruction ends.
Apr. 6	Mon. 8 a.m.	Instruction resumed.
May 23	Saturday	Spring Day recess.
June 1	Monday	Term examinations begin.
June 15	Monday	Sixty-third Annual Commencement.

CORRESPONDENCE

Correspondence concerning entrance to Cornell University should be addressed to Dr. Eugene F. Bradford, Director of Admissions, Cornell University, Ithaca, New York.

Correspondence concerning requirements for graduation, advanced-standing, records, and correspondence of a general nature, should be addressed to the Secretary of the Colleges of Agriculture and Home Economics, Roberts Hall, Ithaca, New York.

Correspondence concerning the content of home-economics courses should be addressed to the Directors of the College of Home Economics, Cornell University, Ithaca, New York.

Correspondence concerning graduate work in home economics should be addressed to the Dean of the Graduate School, Cornell University, Ithaca, New York.

Correspondence concerning the content of hotel courses, and the hotel-practice requirement, should be addressed to Professor H. B. Meek, Cornell University, Ithaca, New York.

NEW YORK STATE COLLEGE OF HOME ECONOMICS

STAFF OF ADMINISTRATION

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Cornelius Betten, Ph.D., D.Sc., Director of Resident Instruction.
Carl Edwin Ladd, Ph.D., Director of Extension.
Martha Van Rensselaer, A.B., D.Ped. Director of the College of Home Economics and State Leader of Home Demonstration Agents.
Flora Rose, B.S., M.A., Director of the College of Home Economics.
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George Wilson Parker, Bursar.
Ellen Fitcher, A.B., Secretary of the College of Home Economics.
Mrs. Harriet Bliss Stocking, Ph.B., Extension Secretary of Home Economics.

STAFF OF INSTRUCTION, RESEARCH, AND EXTENSION

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Mrs. Myrtle Sherer Betten, Instructor in Home Economics.
Beulah Blackmore, B.S., Professor of Home Economics.
Nancy Lee Booker, M.S., Assistant in Home Economics.
Mrs. Jessie Austin Boys, M.S., Assistant Professor of Home Economics.
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Sarah Lucile Brewer, B.S., Extension Professor of Home Economics.
Frances Artie Brookins, Assistant Director of Shop.
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Mrs. Dora Wetherbee Erway, Assistant Professor of Home Economics.
Faith Fenton, M.S., Assistant Professor of Home Economics.*
Marion Fish, B.S., Assistant in Home Economics.
Marie Belle Fowler, B.S., M.A., Professor of Home Economics.
Katherine Wyckoff Harris, B.S., Assistant Professor of Home Economics and Manager of the Cafeteria.*
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Mrs. Elsie Junkin, Assistant in Home Economics.
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Helen Louise Koehler, Assistant in Home Economics.
Edith Helena MacArthur, Ph.D., Assistant Professor of Home Economics.
Bessie Cameron McDermand, B.S., Assistant State Leader of Home Demonstration Agents.
Mrs. Carolyn Brundage McIlroy, Director of Shop.
Howard Bagnall Meek, S.B., M.A., Professor of Hotel Management.

*Absent on leave.

Day Monroe, Ph.D., Professor of Home Economics.
 Helen Monsch, B.S., M.A., Professor of Home Economics.
 Margaret Morehouse, B.S., Extension Instructor in Home Economics.
 Harriet Morgan, M.S., Assistant in Home Economics.
 Grace Evelyn Morin, M.A., Professor of Home Economics.
 Caroline Morton, B.S., M.A., Extension Assistant Professor of Home Economics.
 Alfred Lander Olsen, B.S., Instructor in Hotel Administration.
 Catherine J. Personius, M.A., Instructor in Home Economics.
 Marian Pfund, Ph.D., Assistant Professor of Home Economics.
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 Katherine Reeves, B.A., Instructor in Home Economics.
 Mrs. Nancy McNeal Roman, Ph.B., M.A., Extension Professor of Home Economics.
 Flora Rose, B.S., M.A., Professor of Home Economics and Director of the College.
 Irene Hannah Sanborn, M.A., Assistant in Home Economics.
 Rachael W. Sanders, M.S., Instructor in Home Economics.
 Doris Schumaker, B.S., Acting Assistant Professor of Home Economics (first term).
 Mrs. Alma Fincher Scidmore, Extension Instructor in Home Economics.
 Mrs. Dorothy Barnard Scott, A.B., Assistant Professor of Home Economics.
 Ruth Jean Scott, B.S., Assistant Professor of Home Economics.
 Lillian Shaben, B.S., Acting Assistant Professor of Junior Extension.
 Helen Frances Simmonds, M.S., Instructor in Home Economics.
 Mrs. Ruby Green Smith, Ph.D., Associate State Leader of Home Demonstration Agents.
 Adelaide Spohn, M.S., Ph.D., Professor of Home Economics.*
 Louis Toth, C.P.A., Instructor in Hotel Accounting (first term).
 Allan Hosie Treman, A.B., LL.B., Instructor in Hotel Management (second term).
 Martha Van Rensselaer, A.B., D.Ped., Professor of Home Economics and Director of the College.
 Mrs. Ethel Bushnell Waring, Ph.D., Professor of Home Economics.
 Annette J. Warner, Professor of Home Economics, Emeritus.
 Marguerite Wilker, Ph.B., Ph.D., Extension Professor of Home Economics.
 Florence E. Wright, M.S., Extension Assistant Professor of Home Economics.

*Absent on leave.

NEW YORK STATE COLLEGE OF HOME ECONOMICS AT CORNELL UNIVERSITY

Home Economics was organized as a department in the New York State College of Agriculture in 1907, and by action of the Board of Trustees was made a professional School of Home Economics in 1920.

The bill to designate the School of Home Economics as the New York State College of Home Economics was signed by the Governor of New York State, the Honorable Alfred E. Smith, on February 24, 1925, and constitutes Chapter 45 of the Laws of 1925. The law provides that the College of Home Economics shall continue to be administered by Cornell University as the representative of the State Department of Education.

The College of Home Economics is now one of the three state colleges at Cornell University. It offers its students facilities for training through four academic years and the successful completion of a four-years curriculum is recognized by the conferring of the degree of bachelor of science by Cornell University. Opportunity is also offered for graduate work.

BUILDINGS

The College of Home Economics is housed in a building provided by an act of the Legislature passed in 1911 and equipped by an appropriation subsequently granted by the Legislature. In addition, three cottages are used, two as practice houses, the third as a nursery school, in connection with the courses in child guidance.

In 1929 the Legislature passed a bill, signed by the Governor of the State, the Honorable Franklin D. Roosevelt, appropriating the sum of \$475,000 for the purpose of erecting the central section of a new building for the New York State College of Home Economics. By an act of the Legislature of 1930 and of the Governor, this amount was increased by \$510,000 to provide for the completion of the building.

PAYMENTS TO THE UNIVERSITY

TUITION

Tuition is free to undergraduate students (except those in hotel administration) pursuing regular, special, or short courses in the New York State College of Home Economics who at the beginning of the college year are, and for at least twelve months prior thereto have been, bona-fide residents of the State of New York.

Any student transferring from one college or course in the University to another, must pay for the hours of credit he receives in the latter college or course an amount corresponding to the difference in tuition; and no such transfer shall be allowed or credit given until such payment has been made.

Students in Home Economics who are not exempt under these provisions are required to pay tuition as follows:

Four-years course, except the Course in Hotel Administration	per year	\$200
The Course in Hotel Administration		
New students	per year	400
Old students, for the year 1930-31	per year	350
Old students, thereafter	per year	400
Summer School in Agriculture and Home Economics		60

The tuition fees of \$200, \$350, and \$400 are payable, respectively, in installments of \$110, \$190, and \$220 at the beginning of the first term, and \$90, \$160, and \$180 at the beginning of the second term, but a student registered only for the second term of the academic year is required to pay at the rate of the first term.

Students in the College of Home Economics who desire to take work in colleges other than Home Economics or Agriculture in excess of that required or allowed free under the rules of the College (page 16) may do so if they pay for the additional instruction at the current rate of tuition in the college in which the work is taken.

Tuition and other fees become due when the student registers. The University allows twenty days of grace after the last registration day of each term of the regular session. The last day of grace is generally printed on the registration coupon which the student is required to present at the Treasurer's office. Any student who fails to pay his tuition charges, other fees, and other indebtedness to the University, or who, if entitled to free tuition, fails to claim it at the Treasurer's office and to pay his fees and other indebtedness, within the prescribed period of grace, is thereby dropped from the University unless the Treasurer has granted him an extension of time to complete payment. The Treasurer is permitted to grant such an extension, when in his judgment, the circumstances of a particular case warrant his doing so. For any such extension the student is assessed a fee of \$5 for the first week and \$2 additional for each subsequent week in which the whole or any part of the debt remains unpaid, but the assessment in any case is not more than \$15. The assessment may be waived in any instance for reasons satisfactory to the Comptroller and the Registrar, when such reasons are set forth in a written statement.

The rules governing the rate of tuition in cases of withdrawal during the term or of registration late in the term are stated in the *General Information Number*.

Any tuition or other fee may be changed by the Board of Trustees to take effect at any time without previous notice.

OTHER FEES

A **matriculation fee** of \$10 is required of every student upon entrance into the University, and is payable at the time of registration.

A new undergraduate student who has made the required deposit of \$25 with the Treasurer does not make an additional payment of the matriculation fee, because the Treasurer draws on the deposit for this fee. See page 12.

An infirmity fee of \$5 a term is required, at the beginning of each term, of every student. For a statement of the privileges given in return for this fee, see the *General Information Number*.

A Willard Straight Hall membership fee of \$5 a term is required, at the beginning of each term, of every undergraduate student. Its payment entitles the student to a share in the common privileges afforded by the operation of Willard Straight Hall, subject to regulations approved by the Board of Managers of the Hall.

The fee of \$5 a term is required of all graduate students except those who are members of the instructing staff, for whom membership is optional. The use of the hall is restricted to those who have paid this fee.

A physical recreation fee is required at the beginning of each term of every undergraduate man and of every woman of the freshman and sophomore classes. It is \$2 a term for men students and \$1 a term for women students. Its payment entitles a man student to the use of the gymnasium and the university playgrounds, and to the use of a locker, bathing facilities, and towels, in the gymnasium, the New York State Drill Hall, or the Schoellkopf Memorial Building; and a woman student to the use of the women's gymnasium, recreation rooms, and playgrounds, and to the use of a locker.

A graduation fee is required, at least ten days before the degree is to be conferred, of every candidate for a degree. For a first, or baccalaureate degree, the fee is \$10; for an advanced degree it is \$20. The fee will be returned if the degree is not conferred.

Laboratory fees to cover the cost of materials used by the student are charged in courses that require work in laboratory, shop, or drafting room, or field work.

Deposits are made in advance at the Treasurer's office in some courses, particularly in chemistry. Charges for materials used are entered against the deposits and at the end of the term any balance remaining is returned to the student.

RULES GOVERNING MINOR DELINQUENCIES

Every student is held personally responsible for any injury done by him to any of the University's property.

Assessments, charged to the student's account and payable at the Treasurer's office, are levied upon the student in certain circumstances, under the following rules of the University:

A student desiring to be reinstated after being dropped from the University for delinquency in scholarship or in conduct shall first pay a fee of \$25.

A matriculated student desiring to register after the close of registration day shall first pay a fee of \$5.

A student desiring to file his registration of studies after the date set by his college for filing the same shall first pay a fee of \$2.

A student desiring to take an examination or other test for the removal of a term condition (including the making up of a mark of "absent" or "incomplete") shall first pay a fee of \$2 for each examination or other test.

A student desiring to make an appointment for the required medical examination or conference after twenty days from the last registration day of the term shall first pay a fee of \$2.

For reasons satisfactory to the proper authority, any of the above-mentioned assessments (except that levied for examination or other test to remove a condition) may be waived in any individual case if the student's failure to comply with the regulation was due to ill health or to any other reason beyond his control. Application for such a waiver should be made to the Dean of the college enrolling the student or, in the case of the medical examination, to the chairman of the Faculty Committee on Health.

RESIDENTIAL HALLS

The residential halls for women students are Sage Hall and Prudence Risley Hall, reserved for juniors and freshmen, and Balch Halls, reserved for sophomores and seniors. In these buildings the total cost of board, laundry, and rent of furnished rooms with heat and light, is \$560. The halls are heated by steam and lighted by electricity. Dormitory facilities for women are adequate, and all women are required to live in the residential buildings unless special permission, under exceptional circumstances, is granted by the Dean of Women to live elsewhere. The Dean of Women has jurisdiction over all women students in the University, and prospective students are requested to write to her for information concerning any matters in which they may need assistance.

Inquiries in regard to board and rooms in the women's halls should be addressed to the manager of Residential Halls, Morrill Hall, Ithaca, New York.

SCHOLARSHIPS, FELLOWSHIPS, AND PRIZES

THE STATE UNIVERSITY SCHOLARSHIPS

Under Chapter 292 of the Laws of 1913, as amended by Chapter 502, Laws of 1920, and Chapter 714, Laws of 1923, the State of New York maintains scholarships, five of which are awarded each county, annually for each assembly district therein. Each of these scholarships entitles the holder to \$100 for each year while he is in attendance upon an approved college in this State during a period of four years. These are called the State University Scholarships. At Cornell they are commonly known as the State Cash Scholarships, to distinguish

them from the State Tuition Scholarships in this University. They are awarded by the State Commissioner of Education at Albany, to whom application should be made for any information about the conditions of award, or for any information about the rules of administration.

THE UNIVERSITY UNDERGRADUATE SCHOLARSHIPS

Eighteen University Undergraduate Scholarships, each continuing for two years and having an annual value of \$200 are offered each year to members of the incoming freshman class. The award is made on the basis of a special competitive examination held in Ithaca in September, between the period of the entrance examinations and the opening of the University. Every candidate for a University Undergraduate Scholarship must have satisfied in full the entrance requirements of that college of the University which he proposes to enter. See the *General Information Number* for the rules under which these scholarships are awarded.

THE DREYFUS MEMORIAL SCHOLARSHIPS

Two scholarships of an annual value of \$600 each have been established by Mrs. Berta E. Dreyfus in memory of her husband, Dr. Louis A. Dreyfus. In their award preference is given first to students coming from the high schools of Richmond County, New York, and next to those from Sandusky County, Ohio. First consideration is given to those specializing in Chemistry, Engineering, or Agriculture, or, in case of women, in Home Economics or Arts and Sciences. Application must be made to the Dean of the University Faculty before the first Wednesday of May.

The following three scholarships (New York State Federation of Women's Clubs, Carrie E. Brigden, and Home Economics Club) are available for undergraduate students in home economics. Application for each should be made on or before March 1 of each year, on blanks available at the office of the Secretary, and should be filed with the Secretary of the College who will transmit them to the Scholarships Committee. Any student wishing to apply for more than one scholarship should make separate application for each.

THE NEW YORK STATE FEDERATION OF WOMEN'S CLUBS SCHOLARSHIP

The New York State Federation of Women's Clubs has offered for several years a scholarship of \$200 to a student who has given evidence of scholarship and a desire to serve the interests of homemaking in New York State.

THE CARRIE E. BRIGDEN SCHOLARSHIP

The Carrie E. Brigden Scholarship is founded by the New York State Federation of Home Bureaus and named in honor of Mrs. Carrie E. Brigden, the first president of the Federation. Application for the scholarship may be made by those registered as undergraduate students in the New York State College of Home Economics or in other colleges giving a course in home economics leading to the degree of bachelor of science, and also by those qualified to do graduate work in home economics. The applicant must signify her intention to become a home-demonstration agent in New York State.

THE HOME ECONOMICS CLUB SCHOLARSHIP

The Home Economics Club Scholarship of \$100 will be awarded in the year 1930-31. The holder of the scholarship is selected on the basis of financial need and of outstanding ability in scholarship and leadership. Applications for the year 1931-32 should be filed in the Secretary's office before March 1, 1931. The holder of the scholarship will be selected by the scholarship committee of the faculty, cooperating with a committee of three seniors appointed by the president of the Home Economics Club and with the approval of the directors of the College. The award for each year will be made before Commencement Day of the preceding year.

THE GRACE SCHERMERHORN SCHOLARSHIP

The Grace Schermerhorn Scholarship of \$100 is awarded by the Association of Home Economics Teachers of the New York City Elementary Schools to a graduate of a New York City high school studying at the New York State College of Home Economics and expecting to return to teach in New York City.

DAUGHTERS OF THE AMERICAN REVOLUTION INDIAN
SCHOLARSHIP

The New York State Conference, Daughters of the American Revolution, has created a four-years scholarship in the College of Home Economics for a New York Indian student. This permanent scholarship is in memory of Olive S. Whitman, late wife of ex-Governor Charles S. Whitman, and has an annual value of about \$500. Applications for this scholarship must be filed at the office of the Director of Resident Instruction before February 1.

NEW ROCHELLE CHAPTER, DAUGHTERS OF THE AMERICAN
REVOLUTION, INDIAN SCHOLARSHIP

The New Rochelle Chapter, Daughters of the American Revolution, has created a four-years scholarship in the College of Home Economics for a New York Indian student. This scholarship has an annual value of about \$500. Applications for this scholarship must be filed at the office of the Director of Resident Instruction before February 1.

THE MORGENTHAU FELLOWSHIP

A graduate fellowship of the amount of \$1000 is provided through the generosity of Mrs. Henry Morgenthau, Sr. The holder is to make a study of the economic opportunities open to women of rural communities and of the types of vocational training needed in relation thereto.

OTHER SCHOLARSHIPS

A description of other scholarships open under certain conditions to undergraduates in the Colleges of Agriculture and Home Economics will be found in the *General Information Number*.

PRIZES

For information concerning prizes offered in the University and open to competition of students in the College of Home Economics, see the special pamphlet on prizes, which may be obtained upon application to the Secretary of the University.

LOANS

The New York State Grange has established a loan fund to aid its members in securing a higher education. Application may be made to Mr. H. M. Stanley, Skaneateles, New York.

GRADUATED CREDIT

The passing grades are designated A, B, C, D, and P. In courses taken in the College of Home Economics, students meriting grade C receive normal credit toward graduation; grade B, 10 per cent additional credit; grade A, 20 per cent additional credit; Grade D, credit reduced 10 per cent; and grade P, credit reduced 20 per cent.

INFORMATION CONCERNING COURSES

Regular instruction in the College of Home Economics constitutes a course of four years, or eight terms, leading to the degree of bachelor of science. The information given in this announcement applies mainly to this course. There are separate announcements relating to the special course in hotel administration, to the graduate courses, and to the summer school.

Within the regular four-years course there is opportunity for the following specialized interests under the guidance of faculty advisers. The required courses for various groups are listed in the following pages. Such curricula are outlined for students who are preparing to become teachers of general home economics; teachers of special home-economics subjects, such as foods and nutrition, or clothing; extension workers; dietitians in hospitals and other institutions; or hotel and institution executives. A grouping of courses is also arranged for students in general home economics who do not wish to specialize in

any phase of the subject and who do not intend to use this knowledge in professions other than that of homemaking, but who desire some understanding of the principles underlying problems of human welfare.

THE COURSE IN HOTEL ADMINISTRATION

In 1922 there was organized in the College of Home Economics, a special course in Hotel Administration. This was done at the request and with the financial aid of the American Hotel Association. While under the administration of the New York State College of Home Economics, this course is separately maintained on funds not derived from state appropriations. The requirements with regard to tuition, curriculum, and other items are necessarily different from those for other students in the College. A separate printed announcement is available.

THE APPLICATION FOR ADMISSION

Men who are candidates for admission to the regular, or four-years, course must be at least sixteen years of age; women must be at least seventeen years of age. Students are admitted on examination or on presentation of acceptable school certificates.

Besides satisfying the entrance requirements, candidates for admission must comply with the following rules:

1. Every candidate for admission to an undergraduate course must deposit \$25 with the University. Candidates are warned not to send cash through the mails. A check, a draft, or an order should be payable to Cornell University and should be sent to the Office of Admissions, Cornell University. The deposit must be made not later than August 1 if the candidate is to be admitted in September and not later than January 1 if he is to be admitted in February.

If the candidate matriculates, the deposit will be credited to his account, \$10 for the matriculation fee and \$15 as a guaranty fund, which every undergraduate student is required to maintain and which is to be refunded upon his graduation or permanent withdrawal, less any indebtedness to the University.

If admission is denied a candidate, the deposit is refunded in full at any time.

A candidate may withdraw the application for admission, but a charge of \$10 is regularly made for accrued expenses unless the application is withdrawn and a refund of the deposit in full is claimed before the due date, which is August 1. If an application is not withdrawn until after the due date of the college concerned, but is withdrawn before August 31, the \$10 charged for accrued expenses is deducted and \$15 of the deposit is refunded. No refund is made to an applicant who withdraws the application after August 31.

In the case of applications for admission in February, a withdrawal after January 1 incurs the regular charge of \$10, and no refund is made for withdrawal after January 31.

2. Every candidate for matriculation must submit to the Director of Admissions a satisfactory certificate of vaccination against small-pox, not later than August 1 if he is to be admitted in September, or not later than January 1 if he is to be admitted in February. It will be accepted as satisfactory only if it certifies that within the last five

years a successful vaccination has been performed or three unsuccessful attempts at vaccination have been made.

3. Every candidate for admission to an undergraduate course must file with his application at the Office of Admissions either a certificate of good moral character or, if he has attended some other college or university without graduating from it, a certificate of honorable dismissal from it.

Candidates for admission must file their credentials and obtain permits for any necessary entrance examinations at the University Admissions Office, Morrill Hall. The results of examinations may be ascertained from the Director of Admissions.

ENTRANCE REQUIREMENTS FOR THE FOUR-YEARS COURSE

The subjects that may be offered for admission to the College of Home Economics are named in the following list; the figure in parenthesis following each subject indicates its value in entrance units and shows the maximum and the minimum amount of credit allowed in the subject. A unit represents five recitations a week for one year in a study.

1a. English No. 1	(1½)	7c. Third Year Italian	(1)
1b. English No. 2	(1½)	8a. Ancient History	(½-1)
1c. English (elective)	(1)	8b. Modern History	(½-1)
2a. First Year Greek	(1)	8c. American History, Civics . .	(½-1)
2b. Second Year Greek	(1)	8d. English History	(½-1)
2c. Third Year Greek	(1)	9a. Elementary Algebra	(1)
3a. First Year Latin	(1)	9b. Intermediate Algebra	(1)
3b. Second Year Latin	(1)	9c. Advanced Algebra	(½)
3c. Third Year Latin	(1)	9d. Plane Geometry	(1)
3d. Fourth Year Latin	(1)	9e. Solid Geometry	(½)
4a. First Year German	(1)	9f. Plane Trigonometry	(½)
4b. Second Year German	(1)	10. Physics	(1)
4c. Third Year German	(1)	11. Chemistry	(1)
4d. Fourth Year German	(1)	12. Physical Geography	(½-1)
5a. First Year French	(1)	13. Biology*	(1)
5b. Second Year French	(1)	14. Botany*	(½-1)
5c. Third Year French	(1)	14a. Zoology*	(½-1)
5d. Fourth Year French	(1)	15. Bookkeeping†	(½-1)
6a. First Year Spanish	(1)	16. Agriculture, Home Eco- nomics†	(½-4)
6b. Second Year Spanish	(1)	17. Drawing	(½-1)
6c. Third Year Spanish	(1)	18. Manual Training	(½-1)
6d. Fourth Year Spanish	(1)	19. Any high-school subject or subjects not already used	(½-2)
7a. First Year Italian	(1)		
7b. Second Year Italian	(1)		

For admission to the New York State College of Home Economics, an applicant must offer either A or B, as follows:

A. Fifteen units, arranged as follows: English (3), history (1), elementary algebra (1), plane geometry (1), foreign language (3 units

*If an applicant has counted Biology (1), he may not also offer Botany (½) or Zoology (½).

†An applicant may offer not to exceed four units in vocational subjects under numbers 16, 18, and 19, combined. Bookkeeping may not be offered together with more than one of the subjects listed under 16, 17, and 18.

in one language or 2 units in each of two), elective (6 or 5). The arrangement of the schedule in college will be facilitated if physics is offered for admission.

B. The New York Academic Diploma in Homemaking with the further provision that either elementary algebra, 1 unit, and plane geometry, 1 unit, or physics, 1 unit, must be included. An applicant entering on this diploma who does not present three units of foreign language, or two units in each of two languages, must elect an equivalent amount of work in the University in one or more of the following subjects: foreign language, English, mathematics, philosophy, psychology, history, economics, political and social science.

SELECTION OF ELIGIBLE CANDIDATES FOR ADMISSION TO THE COLLEGE OF HOME ECONOMICS

Because of lack of facilities it has become necessary to limit the number of students admitted to the College of Home Economics. Information is collected regarding the applicant's scholarship and certain traits of character in order to select from among those who have completed the formal academic requirements the persons likely to profit most by the training offered in the College. Unless there are strong counterbalancing evidences of fitness, admission will not be possible for those whose average is below a New York State Regents average of 75.

After the student has made formal application for entrance, with the University Director of Admissions, on blanks provided by that officer on request, the Committee will consider the case and advise the student of its decision, at as early a date as possible.

As the task of getting the necessary evidence is time-consuming and as the eligible list may be filled quickly, all prospective students are advised to make decisions and applications early. August 1 is set as the last day upon which formal application for admission in September may be filed and the last day upon which the \$25 deposit may be accepted.

ADMISSION WITH ADVANCED STANDING

Credit toward a degree for work done in a preparatory school on subjects that may be offered for entrance to the University will be given only to those students who, in addition to satisfying all entrance requirements, pass separate examinations in the subjects for which they seek college credit. These examinations will cover substantially the same ground as the university courses in the subjects. An applicant desiring a college-credit examination of this kind must apply to the Director of Admissions as early as possible, and at least twenty-four hours before the first examination, specifying which fifteen units he intends to offer in satisfaction of the entrance requirements, and on what other entrance subjects he wishes to be examined for credit. In case he fails to satisfy the entrance requirements in any

one or more of the units on which he proposed to enter, but passes the credit examination in any other subject or subjects, he may use the latter toward satisfying entrance requirements, but in that case he cannot also receive college credit for it. The college credit examinations will be held September 15 to 19, 1930, on the dates set for the entrance examinations in the same subjects.

The maximum amount of credit toward the degree of bachelor of science, which is allowed for the work of any one summer session, is eight hours.

A student admitted to the College of Home Economics from another college in Cornell University, or from any other institution of collegiate rank, will be regarded as having completed the number of terms and hours to which his records entitle him, and will receive all the privileges of students who have completed the same number of terms and hours by residence in the College. In order, however, to obtain the degree of bachelor of science he must have completed the prescribed subjects in the four-years course and the requisite number of elective hours in home-economics subjects. He must also have been in residence in the College of Home Economics for his last two terms and have completed not less than fifteen hours a term of which two-thirds at least, must be subjects taught by the staff of the College of Home Economics.

COOPERATION WITH THE MERRILL-PALMER SCHOOL

Two seniors in home economics are selected each term on the basis of their scholarship and interest in child guidance, to attend the Merrill-Palmer School at Detroit. These seniors apply for the privilege. Application should be made before January 31 of the junior year on special blanks provided for the purpose. These blanks should be handed to the Secretary of the College, who will transmit them to the committee on appointment to the Merrill-Palmer School. Students selected may receive credit for one term's residence at Cornell and for the following courses when equivalent work is done in the Merrill-Palmer School: Family Life 101, Family Life 107, Household Management 126, electives not to exceed five hours.

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF SCIENCE

The requirements for the degree of bachelor of science for students in the College of Home Economics include the prescribed work in the Department of Physical Education, practice in home economics, and the completion of one hundred and twenty hours of specified and elective work.

All students must satisfy the practice requirement in home economics before the beginning of their last year. This requirement is equivalent to four weeks of actual independent, housekeeping expe-

rience. In order to meet this requirement, the student must have a good working knowledge of the care and management of the house and of food preparation.

THE CURRICULA

All students must complete one hundred and twenty hours of required and elective work as outlined in the general curriculum, or in one of the special curricula that follow.

Every home-economics student is required to select a course of study which is to be followed the next year, and to file a record of such selection in the office of the Secretary of the College of Home Economics by May 1 of each year.

In selecting the course, a student must obtain the approval of a faculty adviser, preferably in the department in which the student expects to specialize. All students who are preparing for teaching are required to consult the Department of Rural Education as well as their faculty adviser before filing their term schedules.

Students who do not present physics for entrance are required to take physics.

Permission to specialize will be determined by the heads of the departments concerned, in consultation with the student. Students must attain a grade of B in all courses in the Department of Textiles and Clothing and Household Art during their freshman and sophomore years, to be permitted to specialize in clothing; and in the Department of Foods and Nutrition to be permitted to specialize in foods. Students who transfer from other colleges must meet these requirements.

A student must register for at least twelve hours each term, and no new student may register for more than eighteen hours.

Regular students may take at their discretion, during their four years, not to exceed twenty hours of elective subjects in courses offered in other colleges than Home Economics and Agriculture; but such elective subjects shall not interfere with required or back work. Special students must take at least two-thirds of the entire work of each year from the home-economics subjects described on the following pages.

Those required courses that are given in other colleges than Home Economics are described on pages 33-38.

COURSES OF STUDY

GENERAL STUDENT NOT SPECIALIZING

Freshman		Sophomore	
<i>Required:</i>	<i>Hours</i>	<i>Required:</i>	<i>Hours</i>
Orientation.....	1	Physics 3 and 4†.....	6
English 1.....	6	Organic Chemistry 375.....	4
Chemistry 101.....	3	Physiology 303.....	3
Chemistry 105.....	3	Bacteriology 2.....	3
Biology 1, Zoology 1, or Botany 1...	6	Foods and Nutrition 9.....	5
Foods and Nutrition 1.....	2		
Foods and Nutrition 22.....	2		
Household Management 12*.....	2		
Household Art 1.....	3		
Hygiene 1.....	1		
Hygiene 2.....	1		
	<hr/>		<hr/>
	30		21
Junior		Senior	
<i>Required:</i>		<i>Required:</i>	
Economics 1.....	5	Household Management 120.....	2
Biochemistry 314.....	3	Household Management 126.....	3
Foods and Nutrition 122.....	5	Foods and Nutrition 131.....	1
	<hr/>		<hr/>
	13		6
<i>Required hours: 70</i>			
<i>Elective hours: 50 or more</i>			

Students interested in preparing for social-service or social-welfare work should consult the head of the Department of Rural Social Organization for a special curriculum arranged for them.

Students interested in commercial positions should consult the head of the department that represents the field in which they are interested.

EXTENSION WORKER

Freshman		Sophomore	
<i>Required:</i>	<i>Hours</i>	<i>Required:</i>	<i>Hours</i>
Orientation.....	1	Biology 1, Zoology 1, or Botany 1...	6
English 1.....	6	Physics 3 and 4†.....	6
Foods and Nutrition 1.....	2	Physiology 303.....	3
Foods and Nutrition 22.....	2	Bacteriology 2.....	3
Foods and Nutrition 2.....	10	Textiles and Clothing 5.....	3
Textiles and Clothing 3.....	2	Textiles and Clothing 15.....	3
Household Management 12*.....	2	Household Art 31.....	2
Household Art 1.....	3	Rural Social Organization 1.....	3
Hygiene 1.....	1		
Hygiene 2.....	1		
	<hr/>		<hr/>
	30		29

*May be taken later. See prerequisite for course.

†Not required if Physics is offered for entrance.

Junior		Senior	
<i>Required:</i>		<i>Required:</i>	
Biochemistry 314.....	3	Household Art 32.....	2
Economics I.....	5	Household Management 120.....	2
Foods and Nutrition 122..	5	Household Management 126.....	3
Rural Education 111.....	4	Rural Education 136.....	3
Rural Education 116.....	2	Foods and Nutrition 131.....	2
Rural Education 181.....	3	Extension Teaching 15.....	3
Rural Education 135.....	3	Special Problems 150 (extension).....	4
Family Life 111 or		Textiles and Clothing 115.....	3
Rural Social Organization 121... 2 or 4		Family Life 101.....	3
Textiles and Clothing 103.....	3		
Extension Teaching 101.....	2		
	<hr/>		<hr/>
	32 or 34		25
<i>Required hours: 116 or 118</i>			
<i>Elective hours: 4 or 2</i>			

VOCATIONAL HOME ECONOMICS TEACHER—GENERAL

Freshman		Sophomore	
<i>Required:</i>	<i>Hours</i>	<i>Required:</i>	<i>Hours</i>
Orientation.....	1	Physics 3 and 4†.....	6
English I.....	6	Organic Chemistry 375.....	4
Chemistry 101.....	3	Physiology 303.....	3
Chemistry 105.....	3	Bacteriology 2.....	3
Biology 1, Zoology 1, or Botany 1.....	6	Foods and Nutrition 9.....	5
Foods and Nutrition 1.....	2	Textiles and Clothing 15.....	3
Foods and Nutrition 22.....	2	Household Art 31.....	3
Textiles and Clothing 3.....	2		
Textiles and Clothing 5.....	3		
Household Management 12*.....	2		
Household Art 1.....	3		
Hygiene 1.....	1		
Hygiene 2.....	1		
	<hr/>		<hr/>
	35		27
Junior		Senior	
<i>Required:</i>		<i>Required:</i>	
Economics I.....	5	Household Arts 32.....	2
Biochemistry 314.....	3	Household Management 120.....	2
Foods and Nutrition 122.....	5	Household Management 126.....	3
Textiles and Clothing 103.....	3	Rural Education 136.....	3
Rural Education 111.....	4	Textiles and Clothing 115.....	3
Rural Education 116.....	2	Foods and Nutrition 131.....	2
Rural Education 135.....	3	Education 13.....	3
Rural Education 181 or Education 2.....	3		
Family Life 101.....	3		
	<hr/>		<hr/>
	31		18
<i>Required hours: 111</i>			
<i>Elective hours: 9 or more</i>			

*May be taken later. See prerequisite for course.

†Not required if Physics is offered for entrance.

VOCATIONAL HOME ECONOMICS TEACHER—CLOTHING

Freshman		Sophomore	
<i>Required:</i>	<i>Hours</i>	<i>Required:</i>	<i>Hours</i>
Orientation.....	1	Physics 3 and 4†.....	6
English 1.....	6	Physiology 303.....	3
Chemistry 101.....	3	Bacteriology 2.....	3
Chemistry 105.....	3	Textiles and Clothing 15.....	3
Biology 1, Zoology 1, or Botany 1 ..	6	Household Art 31.....	2
Foods and Nutrition 1....	2		
Foods and Nutrition 22.....	2		
Textiles and Clothing 3.....	2		
Textiles and Clothing 5.....	3		
Household Management 12*.....	2		
Household Art 1.....	3		
Hygiene 1.....	1		
Hygiene 2.....	1		
	<hr/>		<hr/>
	35		17
Junior		Senior	
<i>Required:</i>		<i>Required:</i>	
Economics 1.....	5	Household Art 32.....	2
Textiles and Clothing 103.....	3	Household Management 120.....	2
Rural Education 111.....	4	Household Management 126.....	3
Rural Education 116.....	2	Rural Education 136.....	3
Rural Education 135.....	3	Textiles and Clothing 115.....	3
Rural Education 181 or Education 2..	3	Foods and Nutrition 131.....	2
Family Life 101.....	3	Education 13.....	3
	<hr/>		<hr/>
	23		18
<i>Required hours:</i> 93 —			
<i>Elective hours:</i> 27 or more			

VOCATIONAL HOME ECONOMICS TEACHER—FOODS

Freshman		Sophomore	
<i>Required:</i>	<i>Hours</i>	<i>Required:</i>	<i>Hours</i>
Orientation.....	1	Physics 3 and 4†.....	6
English 1.....	6	Organic Chemistry 375 (with laboratory).....	5
Chemistry 101.....	3	Physiology 303.....	3
Chemistry 105.....	3	Bacteriology 2.....	3
Biology 1, Zoology 1, or Botany 1 ..	6	Foods and Nutrition 9.....	5
Foods and Nutrition 1.....	2	Household Art 31.....	2
Foods and Nutrition 22.....	2		
Textiles and Clothing 3.....	2		
Textiles and Clothing 5.....	3		
Household Management 12*.....	2		
Household Art 1.....	3		
Hygiene 1.....	1		
Hygiene 2.....	1		
	<hr/>		<hr/>
	35		24

*May be taken later. See prerequisite for course.

†Not required if Physics is offered for entrance.

Junior		Senior	
<i>Required:</i>	<i>Hours</i>	<i>Required:</i>	<i>Hours</i>
Economics 1.....	5	Household Arts 32.....	2
Biochemistry 314.....	3	Household Management 120.....	2
Biochemistry 314a.....	2	Household Management 126.....	3
Foods and Nutrition 122.....	5	Foods and Nutrition 109.....	3
Rural Education 111.....	4	Foods and Nutrition 131.....	2
Rural Education 116.....	2	Rural Education 136.....	3
Rural Education 135.....	3	Education 13.....	3
Rural Education 181 or Education 2.....	3		
Family Life 101.....	3		
	<hr/>		<hr/>
	30		18
<i>Required hours: 107</i>			
<i>Elective hours: 13 or more</i>			

DIETITIAN—CLINICAL AND LABORATORY

Freshman		Sophomore	
<i>Required:</i>	<i>Hours</i>	<i>Required:</i>	<i>Hours</i>
Orientation.....	1	Physics 3 and 4†.....	6
English 1.....	6	Organic Chemistry 375 (with laboratory).....	5
Chemistry 101.....	3	Physiology 303.....	3
Chemistry 105.....	3	Bacteriology 2.....	3
Chemistry 210*.....	3	Foods and Nutrition 9.....	5
Chemistry 225*.....	3		
Biology 1, Zoology 1, or Botany 1.....	6		
Foods and Nutrition 1.....	2		
Foods and Nutrition 22.....	2		
Household Management 12*.....	2		
Household Art 1.....	3		
Hygiene 1.....	1		
Hygiene 2.....	1		
	<hr/>		<hr/>
	36		22

Junior		Senior	
<i>Required:</i>	<i>Hours</i>	<i>Required:</i>	<i>Hours</i>
Economics 1.....	5	Household Management 120.....	2
Biochemistry 314.....	3	Household Management 126.....	3
Biochemistry 314a.....	2	Foods and Nutrition 124.....	2
Foods and Nutrition 122.....	5	Foods and Nutrition 131.....	1
	<hr/>		<hr/>
	15		8
<i>Required hours: 81</i>			
<i>Elective hours: 39 or more</i>			

*May be taken later. See prerequisite for course.

†Not required if Physics is offered for entrance.

DIETITIAN—MANAGERIAL

Freshman		Sophomore	
<i>Required:</i>	<i>Hours</i>	<i>Required:</i>	<i>Hours</i>
Orientation.....	1	Physics 3 and 4†.....	6
English 1.....	6	Organic Chemistry 375.....	4
Chemistry 101.....	3	Physiology 303.....	3
Chemistry 105.....	3	Bacteriology 2.....	3
Biology 1, Zoology 1, or Botany 1.....	6	Foods and Nutrition 9.....	5
Foods and Nutrition 1.....	2		
Foods and Nutrition 22.....	2		
Household Management 12*.....	2		
Household Art 1.....	3		
Hygiene 1.....	1		
Hygiene 2.....	1		
	<hr/>		<hr/>
	30		21
Junior		Senior	
<i>Required:</i>	<i>Hours</i>	<i>Required:</i>	<i>Hours</i>
Economics 1.....	5	Household Management 120.....	2
Biochemistry 314.....	3	Household Management 126.....	3
Foods and Nutrition 122.....	5	Foods and Nutrition 109.....	3
Institution Management 101.....	3	Foods and Nutrition 124.....	
Institution Management 111.....	2	(if Hospital Managerial).....	2
		Foods and Nutrition 131.....	1
		Institution Management 102.....	2
		Institution Management 112.....	3
	<hr/>		<hr/>
	18		16
<i>Required hours: 85</i>			
<i>Elective hours: 35 or more</i>			

*May be taken later. See prerequisite for course.

†Not required if Physics is offered for entrance.

DIVISIONS OF INSTRUCTION

WITH DESCRIPTION OF COURSES

The first term begins with the opening of the college year, in September. The second term begins in February. (See calendar, page 2.)

Unless otherwise noted, all courses are given in the building of the College of Home Economics.

Orientation. First term. Credit one hour. Required of all freshmen in home economics. Advised for all entering students. Lectures, T Th 10. Home Economics Building 245. Members of the staff of the College of Home Economics.

This course aims to help the student to find herself in the environment of the College and of the University. Fee, \$1.

FOODS AND NUTRITION

1. Food Preparation, Introductory Course. First or second term. Credit two hours. This course or its equivalent is required of all home-economics students, and should be taken in the freshman year. Students who have had the equivalent of laboratory practice are given the opportunity of taking a practical examination to release them from one credit hour of the requirement. Arrangement for such an examination should be made during registration with the head of the Department of Foods and Nutrition. Lecture and demonstration, M 11-1, Room 245. Practice: first term, T 11-12.50, Room 270; T 1.40-3.30, Room 270; or W 11-12.50, Room 200. Practice: second term, M 1.40-3.30, Room 270; W 11-12.50, Room 270; or F 11-12.50, Room 270. Misses KIMBALL and CALLAN.

In this course food preparation is emphasized from the standpoint of the principles underlying the processes of cooking. The laboratory problems combine selection of food from the dietetic standpoint; the purchase of foods; preparation and serving of simple meals. Laboratory fee, \$10.

2. Science Related to Food Preparation. First and second terms. Credit five hours a term. Open to freshmen and sophomores. Limited to thirty-two students. Lectures, M W F 8, Room 245. Laboratory: first term, T Th 8-10, one section, Rooms 265 and 200; and T Th 1.40-3.30, one section, Rooms 265 and 205. Laboratory: second term, T Th 8-10.20, one section, Rooms 265 and 200; and T Th 1.40-4, one section, Rooms 265 and 270. Assistant Professor PFUND and Miss SANBORN.

Laboratory fee, \$20 a term.

9. Food Preparation, Principles, and Comparative Methods. First or second term. Credit five hours a term. First term primarily for juniors and seniors; second term for sophomores only. Must be preceded or accompanied by organic chemistry. Lectures, M W F 11, Room 100. Practice: first term, M W 1.40-4, Room 200; T Th 1.40-4, Room 200. Practice: second term, M W 1.40-4, Room 200; T Th 10.30-12.50, Room 200. Assistant Professor PFUND and Miss PERSONIUS.

The lectures in this course include a discussion of foods and the fundamental principles of cookery. The laboratory practice consists in a study of food preparation. The course is intended to establish a knowledge of foods and their preparation as based on the present conception of the physical and chemical reactions involved. Laboratory fee, \$18.

15. Food Preparation. First or second term. Credit three hours. Required of students registering in hotel administration. First term: lecture, M 12, Caldwell 100; practice, W F 8-10.20 or W F 10.30-12.50, Room 270. Second term: lecture, F 8, Caldwell 143; practice, T Th 10.30-12.50, Room 270. Miss KIMBALL.

This course acquaints the student with the underlying principles of the various ways of cooking typical foods. Detailed attention is given to manipulation and to economy in the use of time and of materials. Standards in preparation and serving are emphasized. Laboratory fee, \$15.

17. Food Preparation, Advanced Course. First or second term. Credit three hours. Required of students registering in hotel administration. Prerequisite, Foods 15 or its equivalent. Lecture, M 12, Room 100. Practice: first term, T Th 8-10.20, Room 205; T Th 10.30-12.50, Room 205. Practice, second term, T Th 10.30-12.50, Room 205. Assistant Professor BOYS.

This course gives the student a more extensive knowledge of the preparation of foods. Attention is given particularly to those foods usually served in hotels and in high-class restaurants. Laboratory fee, \$18.

[18. Food Selection: Dietetics, Elementary Course. First or second term. Credit one hour. Elective for students in hotel management. Miss CALLAN.] Not given in 1930-31.

22. Food Selection: Dietetics, Introductory Course. First or second term. Credit two hours. This course or its equivalent is required of all home-economics students, and should be taken in the freshman year. Lectures and discussions, M W 10. Room 100. Miss ———.

This course aims to give a background of information about nutrition and to develop attitudes and interests which bring about good habits of food selection.

109. Food Preparation, Advanced Course. First or second term. Credit three hours. Open to juniors and seniors. Prerequisite, Foods 1 and 9 or their equivalents. First term: lecture, M 10, Room 245; practice, M W 1.40-4, Room 205. Second term: lecture, M 9, Room 245. Practice, M W 1.40-4, Room 205; T Th 1.40-4, Room 205. Assistant Professor BOYS.

This course gives the student an understanding of the history and development of methods of cookery, with a brief survey of the food habits of those nationalities represented in this country. Practice and demonstrations are given to develop appreciation of the variety of methods of food preparation. Laboratory fee, \$15.

122. Food Selection: Nutrition and Dietetics. First or second term. Credit five hours. Should be taken in the junior year. Prerequisite, Foods 9 and Chemistry 375; prerequisite or parallel, Biochemistry 314. Lectures and discussions, T Th 9, Room 100. Practice: first term, W F 8-10.20, Room 200; W F 1.40-4, Room 270. A third section will be offered, if necessary, T Th 10.30-12.50, Room 200. Practice: second term, W F 8-10.20, Room 200, W F 1.40-4, Room 270. Discussion period by appointment. Professor HENRY and Miss SANDERS.

A study of the body's need for the different foodstuffs, of the value of the different food groups, how to include these foods in order to make adequate diets; quantitative standards of certain foodstuffs, with practical methods of measuring them in the diet; normal digestion; principles determining methods of feeding in certain common digestive disorders; economical expenditure of money for food. Laboratory fee, \$10.

124. Food Selection in Relation to the Treatment of Disease. Second term. Credit two hours. Open to seniors and graduate students. Limited to twenty students. Required of those specializing in hospital dietetics. Prerequisite, Foods 122. Discussion period, T 2, Room 245; laboratory, Th 2-3.30, Room 200. Professor HENRY.

This course consists of a study of diet in those diseases in which choice of food is an important factor of treatment. Laboratory fee, \$5.

131. Nutrition of Children. First or second term. Credit one or two hours. Open to seniors and graduate students; not open to juniors except by special permission of the head of the department. Two hours required of teachers; one hour required of all students. Prerequisite, Foods 122. Conference period, M 2-4, Room 100. Practice: Infant Feeding, Th 1.40-4, one section; School Feeding, W 1.40-4, one section; Pre-School Feeding, M W 10.30-12.50, one section, T Th 10.30-12.50, one section. Infant Feeding section limited to twelve students.

School Feeding section limited to ten students. Pre-School section limited to four in each section of five weeks each, six sections in a term. Professor MONSCH.

This course gives special consideration to the feeding of infants and children in health and in disease. For those preparing to teach, special laboratories are planned with the children in the public schools, and opportunities for home visiting and for work with pre-school children are arranged for all. Laboratory fee, \$2.00

[222. **Nutrition, Advanced Course.** First term. Credit two hours. Primarily for graduate students, but open to seniors with the permission of the instructor. Professor SPOHN.] Not given in 1930-31.

A critical study of recent advances in foods and nutrition. The purpose of the course is to acquaint students with the methods and results of recent investigations in the field.

[223. **Laboratory Methods in Nutrition.** First term. Credit five hours. For graduate students with training satisfactory to the instructor. Limited to ten students. Laboratory work at least ten hours. Professor SPOHN.] Not given in 1930-31.

An introduction to methods of investigation in foods and nutrition. Opportunity is offered for the study of methods used in feeding experiments with small animals. Laboratory fee, \$2.00.

[224. **Human Calorimetry.** Second term. Credit two hours. Primarily for graduate students, but open to seniors with the permission of the instructor. Class limited to six students. Professor SPOHN.] Not given in 1930-31.

The laboratory work in this course consists of energy metabolism determinations using the Benedict portable respiration apparatus. Laboratory fee, \$5.

[229. **Research in Foods and Nutrition.** Throughout the year. For graduate students with training satisfactory to the instructor. Hours to be arranged. Professor SPOHN and Assistant Professor PFUND.] Not given in 1930-31.

This course offers opportunity for individual research in animal nutrition, human nutrition and metabolism, food chemistry, and chemical changes taking place in the process of food preparation. Laboratory fee, \$25.

[230. **Seminary in Nutrition.** First term. Credit two hours. Required of graduate students specializing in Nutrition. Professor SPOHN.] Not given in 1930-31.

[231. **Seminary in Foods.** Second term. Credit two hours. Required of graduate students specializing in Foods. Assistant Professor PFUND.] Not given in 1930-31.

TEXTILES AND CLOTHING

3. **Clothing Selection: Color and Design.** First or second term. Credit two hours. This course is required for teachers and extension workers. First term: lecture, T 11, Room 100; practice, Th 11-1, Room 310. Lecture, W 9, Room 310; practice, F 9-11, Room 310. Lecture, W 12, Room 100; practice, F 11-1, Room 300. Second term: lecture, T 9, Caldwell 143; practice, Th 8-10, Room 310. Lecture, T 11, Room 100; practice, Th 11-1, Room 310. Lecture, W 11, Caldwell 100; practice, F 11-1, Room 300. Professor BLACKMORE and Assistant Professor BRASIE.

Selection, design, and cost of clothing suitable for the students' own needs are taught through the analysis of garments and fashion sketches. Color harmony is developed through the use of texture combinations and discussions of the influencing factors in the student's personal coloring. The hygiene of clothing is studied with reference to present-day needs. Students provide all materials subject to the approval of the instructor. Estimated cost of materials, \$3. Fee, \$5.

5. **Clothing Selection: Textiles and Construction.** Advised first or second term freshman year or first term sophomore year. Credit three hours. Prerequisite, or parallel, Clothing 3 or its equivalent. This course is required for teachers and extension workers. First term: lecture, M 9, Rooms 300 and 310. Practice, T Th 8-10, Room 300; T Th 11-12.50, two sections, Rooms 300 and 305. Second

term: Section 1: lecture, T 10, Rooms 300 and 310. Practice, M W 1.40-3.30, Room 300; T Th, 11-12.50, Room 300. Section 2: lecture, T 11, Room 310, practice, F 1.40-3.30, S 8-10, Room 300; only for students who cannot possibly arrange their schedule to enroll in section 1. Assistant Professor R. J. SCOTT, Mrs. BETTEN, and Miss _____.

This course emphasizes the selection and the construction of clothing and the economical and appropriate selection of textiles. Each garment constructed is studied with reference to its cost, appropriateness, and place in the wardrobe. Laboratory practice includes hand and machine sewing suitable to the garments constructed. Commercial patterns are used in designing and cutting garments. Students provide all dress materials, subject to the approval of the instructors. Estimated cost of materials, from \$15 to \$25. Laboratory fee, \$5.

7. Technique of Clothing Construction. First or second term. Credit two hours. Prerequisite, Textiles and Clothing 3 and 5 or their equivalents. Practice: first term, W F 8-10, Room 300; second term, T Th 8-10, Room 300. Mrs. McILROY, Miss BROOKINS, and Mrs. BETTEN.

The application of design to dressmaking and the technique of dress construction is emphasized. Laboratory practice includes the detailed construction of garments, one of which is an assigned problem. This course is adapted to meet the needs of students who have special problems. Students must consult the head of the Department of Textiles and Clothing and receive her approval before registering for this course. Students provide all material, subject to the approval of the instructors. Estimated cost of materials, \$20. Laboratory fee, \$5.

8. Dressmaking, Survey Course. First or second term. Credit two hours. Practice: first term, M W 1.40-3.30, Room 300; second term, T Th 1.40-3.30, Room 300. Mrs. BETTEN.

This course is adapted to meet the needs of students in other colleges who desire a general knowledge of clothing selection, design, and construction. Laboratory practice includes machine sewing, the use of commercial patterns, and the modeling of patterns. Students provide all dress materials, subject to the approval of the instructor. Estimated cost of dress materials, from \$15 to \$25. Laboratory fee, \$5.

10. Clothing for Children. First or second term. Credit two hours. Prerequisite, Clothing 3 or its equivalent, and Household Art 1. Practice: first term, W F 11-12.50, Room 305; second term, W F 11-12.50, Room 305. Assistant Professor R. J. SCOTT.

Principles underlying selection, care, construction, and alteration of clothing for children, with consideration of the child's need for activity, his comfort and well-being, his preferences in color, texture, and design, and his capacities for independent habits in dressing himself.

A critical study is made of available footwear and ready-made garments for children. Estimated cost of materials, \$5. Laboratory fee, \$5.

15. Clothing Design. (Same as Household Art 15.) First or second term. Credit three hours. Should be taken in the sophomore year or the first term of the junior year. Prerequisite, Clothing 3 and 5, and Household Art 1. First term: lecture, M 11, Room 305. Practice, T Th 8-10.20, Room 305; T Th 1.40-4, Room 305. Second term: lecture, F 9, Room 305. Practice, M W 8-10.20, Room 305; T Th 8-10.20, Room 305. Assistant Professors BRASIE, R. J. SCOTT, and ERWAY.

This course includes costume designing and modeling on the dress form. A study of the economics of clothing in relation to the students' own wardrobes is made. The course provides as much experimentation as possible in order to develop creativeness and provides a broad background of experience in judging, comparing and evaluating designs and color schemes in relation to individual needs. Estimated cost of materials, \$10. Laboratory fee, \$5.

20. Clothing Selection: Millinery. First or second term. Credit two hours. Advised for general teachers. Prerequisite, Clothing 3 and 5, or 7, or their equivalents, and Household Art 1. Practice: first term, M W 1.40-4. Practice: second term, M W 10.30-12.50; M W 1.40-4, Room 310. Miss _____.

This course deals with the selection and the adaptation of millinery with reference to the individual woman and to her costume. The course develops the fundamental processes in millinery construction. The millinery mode is studied and models are made following the suggestions gained from this study. Emphasis is placed on the selection of hats from the standpoint of suitability and becomingness to the wearer. Students provide all hat materials, subject to the approval of the instructor. Estimated cost of materials, from \$10 to \$15. Laboratory fee, \$5.

51. Hotel Textiles. First or second term. Credit two hours. First term: lecture, T 8, Room 310; practice, Th 2-4, Room 310. Second term: lecture, W 8, Room 310; practice, F 2-4, Room 305. Professor BLACKMORE.

This course includes a study of fabrics used in hotels, their selection, use, and distribution. Estimated cost of materials, \$3. Laboratory fee, \$5.

55. Household Textiles, Selection and Care. Second term. Credit two hours. Elective for juniors and seniors. Prerequisite, one term of college chemistry and either high school or college physics. Lecture, T 11, Room 305; practice, Th 11-12.50, Room 305. Professor BLACKMORE.

This course includes a study of the selection, use, and care of textile fabrics used in the home, and the selection, use, and care of the equipment and supplies necessary for the household laundry. Laboratory fee, \$5.

103. Clothing Problems: A Summary Course Including Shop Practice. First or second term. Credit three hours. Should be taken by juniors. Required of teachers and extension students. Prerequisite, Clothing 3, 5, and 15, or their equivalents, and Household Art 1. First term: lecture, T 11, Caldwell 143. Practice, M W 1.40-4, Room 305; M W 8-10.20, Room 305. Second term: lecture, M 9, Room 100. Practice, M W 1.40-4, Room 305. Assistant Professors BRASIE and R. J. SCOTT, Mrs. McILROY, and Miss BROOKINS.

This course rounds out the subject of clothing selection, relating each phase to the problem as a whole, and provides for a study of certain human relationships involved, such as psychology of clothing, clothing and family relations, clothing and mental hygiene, and consumer ethics. Laboratory problems are planned in part on the basis of individual need. An independent home problem, a remodeling problem, and the making of a dress for a high-school girl, are required of all students. Students provide all materials, except those used for garments for high-school students, subject to the approval of the instructors. One laboratory period each week is spent in the Costume Shop. Estimated cost of materials, \$20. Laboratory fee, \$5.

115. Commercial Clothing Construction. First or second term. Credit three, four, or five hours. Not less than three hours may be taken by students registering in this course for the first time. Prerequisite, Clothing 3, 5, 15, and 103, and Household Art 1. Conference hour, by arrangement. Laboratory practice, by arrangement at time of registration. Costume Shop. Mrs. McILROY and Miss BROOKINS.

Students are directed by instructors experienced in commercial work. Dress-making problems in designing, construction, fitting, and finishing are considered. A shop with paid workers is maintained, and the students are given experience in meeting customers, in shopping, and in shop organization. Students specializing in clothing are given an opportunity to make a trip to New York City, to visit shops and openings, the second week in March, if six students register for the trip. Probable cost of trip, from \$50 to \$75. Laboratory fee, \$1 for each credit hour taken.

120. Clothing Problems. First or second term. Credit two hours. Prerequisite, Textiles and Clothing 103, or its equivalent; prerequisite, or parallel, Rural Education 135, or its equivalent. Practice: first term, T Th 2-4, Room 300; second term, T Th 2-4, Room 305. Assistant Professor BRASIE and other members of the Textiles and Clothing staff.

This course includes the evaluation and organization of the subject matter in clothing (economics, art, hygiene, ethics, and construction) from the point of view of the teacher of homemaking. A study of available sources of illustrative

material and literature will be made. Working out materials for the use in teaching construction processes and clothing selection and organizing materials for special problems as suggested by students will be included. Students provide all materials, subject to the approval of the instructor. Estimated cost of materials, \$5. Laboratory fee, \$5.

HOUSEHOLD ART

1. Color and Design. First or second term. Credit three hours. Should be taken in the freshman year. Required of all students in home economics. First term: Section 1: lecture, T 8, Room 100. Practice, M W 8-10, Room 415; M W 1.40-3.30, Room 415; T Th 11-12.50, Room 415. Section 2: lecture, M 10, Room 415; practice, W F 11-12.50, Room 415; only for students who cannot possibly arrange their schedule to enroll in section 1. Second term: lecture, F 10, Rooms 100 and 415. Practice, T Th 1.40-3.30, Room 400; T Th 8-10, Room 415; W F 8-10, Room 415; W F 11-12.50, Room 415. Assistant Professors ERWAY and D. B. SCOTT.

A course intended to give the student an understanding of the elementary principles of color and design. The work includes experiments with water colors, dyes, and fabrics. Practical applications are made to problems in everyday life. Estimated cost of material, from \$7 to \$10. Laboratory fee, \$5.

15. Clothing Design. (Same as Textiles and Clothing 15.) First or second term. Credit three hours. Should be taken in the sophomore year or the first term of the junior year. Prerequisite, Clothing 3 and 5, and Household Art 1. First term: lecture, M 11, Room 305. Practice, T Th 8-10.20, Room 305; T Th 1.40-4, Room 305. Second term: lecture, F 9, Room 305. Practice, M W 8-10.20, Room 305; T Th 8-10.20, Room 305. Assistant Professors BRASIE, R. J. SCOTT, and ERWAY.

This course includes costume designing and modeling on the dress form. A study of the economics of clothing in relation to the students' own wardrobes is made. The course provides as much experimentation as possible in order to develop creativeness and provide a broad background of experience in judging, comparing, and evaluating designs and color schemes in relation to individual needs. Estimated cost of materials, \$10. Laboratory fee, \$5.

25. House Planning. First term. Credit two hours. Lecture, F 12, Room 400. Practice, F 1.40-4, Room 415. Professor MORIN.

A study of the arrangement of dwellings from the standpoint of economy, convenience, and design. Laboratory fee, \$2.

31. Home Decoration and Furnishing. First or second term. Credit two hours. Required of teachers. Should be taken in the junior year. Prerequisite, Household Art 1. First term: lecture, T 12, Room 400; practice, T 1.40-4, Room 415. Lecture, Th 12, Room 400; practice, Th 1.40-4, Room 415. Second term: lecture, T 12, Room 400; practice, T 1.40-4, Room 415. Professor MORIN.

A course dealing primarily with the decoration and furnishing of the house. The object of the work is to develop good judgment and taste in the selection and arrangement of house furnishing, to the end that students may learn to express themselves in their environment. Laboratory fee, \$5.

32. Advanced Home Decoration and Furnishing. Second term. Credit two hours. Required of teachers. Should be taken in the senior year. Prerequisite, Household Art 1 and 31. Lecture, W 12, Room 400; practice, W 1.40-4, Room 415. Lecture, F 12, Room 400; practice, F 1.40-4.00, Room 415. Professor MORIN.

A continuation of Household Art 31. Special student problems. For those taking the general teachers' course, furnishing problems relating to school and community life are emphasized. Laboratory fee, \$5.

35. Decoration and Furnishing. Second term. Credit two hours. Open to students registering in hotel administration. Should be taken in the junior year. Limited to twenty students. Lecture, Th 12, Room 400. Practice, Th 1.40-4, Room 415. Professor MORIN.

A course dealing with the essentials of decoration and furnishing applied to problems in the hotel industry. In connection with this course a trip to Syracuse or other near-by cities will be required of every member of the class. Laboratory fee, \$5.

111. Advanced Design. Second term. Credit two hours. Prerequisite, Household Art 1 and 31. Practice, T Th 11-12.50, Room 415. Assistant Professor ERWAY.

This course is open to students who have talent or a special inclination to continue the work in design. The nature of the problems is determined by the needs of the students and by the possibilities for practical application that may develop. Laboratory fee, \$5.

HOUSEHOLD MANAGEMENT

6. Introduction to the Study of Family and Home Problems. Second term. Credit one hour. For freshmen. Lecture, F 10, Room 245. Professor MONROE.

A consideration of families of this country, their number, size, where they live, their probable levels of living, and something as to their homes. The aim of this course is to furnish background for a study of home economics, and better understanding of the problems of homemakers by broadening the knowledge of students concerning the ways in which families are living. Fee for materials, \$1.

12. Mechanics of the Home. First or second term. Credit two hours. Prerequisite, one term of college chemistry and either high-school or college physics. Required of all students in home economics. Should be taken in the freshman or sophomore year. First term: lecture, S 10, Room 245; practice, T Th or F 1.40-4, Room 400. Second term: lecture, S 11, Room 100; practice T or W 1.40-4, Room 400. Miss ———.

This course includes a study of household equipment from the standpoints of its selection, use, and care. Laboratory fee, \$3.

26. The Household Buyer and the Market. First term. Credit two hours. Primarily for sophomores. Limited to thirty-five students. Lectures, M W 8, Room 100. Professor MONROE.

A study of problems facing the household buyer in the modern market. The organization of the marketing system, the different types of retail agencies, the legal protection of the buyer, the services of the market, and the needs for its improvement from the consumer's standpoint are discussed. Fee for materials, \$2.50.

120. Problems in Home Management. First or second term. Credit two hours. Prerequisite, Economics 1. Required of seniors in home economics. Lectures: first term, T Th 11, Room 245; second term, T Th 11, Room 245. Miss ———.

A study is made of the needs of the family which must be considered in the management of the home. With these needs in view consideration is given to the arrangement of the service rooms, location of equipment, scheduling of time, time and motion studies, economic comparisons of different methods.

126. House Practice, Laboratory Course. First or second term. Credit three hours. Required of all seniors in home economics, except those in hotel management. Practice consists of five consecutive weeks in the practice house, time to be arranged. Should be taken by prospective teachers, together with Clothing 115, and Rural Education 136. Should be taken by prospective institution managers with Institution Management 111. Assistant Professor FENTON and Miss CALLAN.

This course furnishes an opportunity for the student to test her ability to apply theoretical knowledge in solving household problems and to receive instruction in infant care and feeding. Laboratory fee, \$35 including room and board for five weeks in the practice house.

130. Family Income and Expenditure. First or second term. Credit two hours. Open to juniors and seniors. Lectures, T Th 9, Room 245. Professor CANON.

A study of family incomes and expenditures in relation to the national income, to private and public enterprise, and to the economic and social life of the family. Fee for materials, \$2.50.

Household Bacteriology. See Bacteriology 2.

Household Mechanics. See Rural Engineering 10.

250. Economic Problems of the Household. Throughout the year. Credit two hours a term. Primarily for graduate students. Hours to be arranged. First term: Professor MONROE. Second term: Professor CANON.

A study of problems in the field of economics of the household, including those of income and expenditure, production, and consumption. Attention is given to defining problems and to reviewing information available concerning them.

260. The Marketing System and the Consumer. Second term. Credit three hours. Primarily for graduate students. Hours to be arranged. Professor MONROE.

This course includes an analysis of the structure of markets and a study of market functions and functionaries from the standpoint of their relation to the household. An attempt is made to give the student a basis for evaluating the present-day market as a means of meeting the needs and desires of consumers. The effects of the market upon consumption and of consumer demand and the attitudes upon the market are considered, as is also the problem of social control, or the regulation of markets in the interests of consumers.

INSTITUTION MANAGEMENT

101. Institution Practice. First or second term. Credit three hours. Required of all students specializing in institution management or dietetics. Should be taken in the junior year. Cannot be taken with Household Management 126. Class limited to eighteen students, two divisions of nine each. Lecture and discussion, S 8, Room 100. Practice, M W F 11.20-1.20, T Th S 11.20-1.20. Cafeteria. Miss HOPKINS.

Discussion of types of institutions, menus, service, and office. Practice work in counter service and supply, office and storeroom work.

102. Institution Management. Second term. Credit two hours. Must be taken in the senior year. Required of all students specializing in institution management or in dietetics. Prerequisite, Institution Management 101. Lectures and discussions, T 2-4, Room 100. Miss ———.

A study of management problems, such as organization, labor, the physical plant, equipment, and administration.

111. Food Selection and Purchase for the Institution. First term only in 1930-31. Credit two hours. Preferably taken in the junior year. Primarily for students specializing in institution management; others by special permission. Lectures and discussions, S 9-11, Room 100. Miss HOPKINS.

Discussion of problems of production, sources, grading, and distribution of the various classes of foods, bases of selection, methods of purchase, and storage.

112. Institutional Cookery. First or second term. Credit three hours. Should be taken in the senior year. Cannot be taken with Household Management 126. Required of all students specializing in institution management or dietetics. Prerequisite, Institution Management 101. Class limited to fourteen students. Practice, W F 8-12. Cafeteria. Miss BETTEN.

Laboratory work in large-quantity cooking in cafeteria kitchen, with discussion and explanation periods to provide an opportunity to review principles and discuss procedures. Laboratory fee, \$15.

Tea Room and Cafeteria Accounting. See Hotel Accounting 85.

HOTEL STEWARDING

115. Hotel Cookery. First or second term. Credit three hours. Required of sophomores in hotel administration. Registration limited to fourteen students. Practice, T Th 8-12. Cafeteria. Miss HOPKINS.

Laboratories consist of actual large-quantity cooking in the cafeteria kitchen, the preparation, on a commercial basis, of meals for several hundred patrons. The laboratories are supplemented by discussion and explanation periods to provide an opportunity to review principles and discuss procedures. Laboratory fee, \$15.

[**118. Hotel Stewarding.** Second term. Credit one hour. Open to juniors and seniors. Mr. KIEF.] Not given in 1930-31.

HOTEL ADMINISTRATION

151. Hotel Operation. First term. Credit two hours. Prerequisite, Economics I, Hotel Accounting 82, and hotel experience. W F 9. Room 100. Professor MEEK.

In connection with this course a trip to New York City will be organized to attend the meetings of the New York State Hotel Association, to attend the National Hotel Exposition, and to make a tour of metropolitan hotels. Attendance on all the assigned meetings and tours of this trip will be required of every member of the class. The necessary expenses in connection with the trip will be about \$60.

153. Special Hotel Problems. First term. Credit two hours. Open to a limited number of students in hotel administration. Those wishing to register should consult the instructor during the preceding semester to obtain permission to enroll and to confer regarding problems chosen for special study. Hours to arranged. Professor MEEK.

A seminar course devoted to the study of special problems arising in the management of hotels.

155. Lectures on Hotel Management. Second term. Credit one hour. Open to all classes. A series of lectures given by non-resident speakers prominent in the hotel and allied fields. Lecture, F 2-4. Caldwell 100. Under the direction of Professor MEEK.

171. Laws as Related to Innkeeping. Second term. Credit three hours. Open to juniors and seniors. M W F 8. Roberts 392. Mr. TREMAN.

An elementary course on law, with special reference to the problems of the hotel man.

[**174. Hotel Public Relations.** Second term. Credit two hours. Mr. ———.] Not given in 1930-31.

HOTEL ACCOUNTING

81. Accounting. First term. Credit three hours. Required of freshmen. Lecture, M 10. East Roberts 222. Laboratory, W F 8-10.20, or W F 10.30-12.50. Dairy Building 412. Messrs. COURTNEY and OLSEN.

The fundamental principles of accounting; the balance sheet, the profit-and-loss statement, the books necessary to maintain a system of accounting; specialized journals. Adjusting and closing a set of books.

82. Accounting. Second term. Credit three hours. Prerequisite, Hotel Accounting 81. Required of freshmen. Lecture, M 10. East Roberts 222. Laboratory, T Th 8-10.20, or 10.30-12.50. Dairy Building 412. Messrs. COURTNEY and OLSEN.

A continuation of Hotel Accounting 81, concerning itself with partnership, corporation, controlling accounts, purchasing, and stock control. Balance-sheet valuation with a view to correlating the underlying principles of the accepted procedure of general accounting with the specialized applications to the hotel field discussed later in Hotel Accounting 181 and 182.

85. Tea Room and Cafeteria Accounting. Second term. Credit one hour. Limited to sixteen students. For institution-management students only. Not open to those who have credit in general accounting courses. Practice, M 8-10.20. Dairy Building 412. Messrs. COURTNEY and OLSEN.

An elementary course in simple accounting using as illustrative material the accounting records of the cafeteria and the tea room. Cash and credit transactions, check-book and deposit records, journal and ledger entries. Trial balances, profit and loss statements, and balance sheets.

181. Hotel Accounting. First term. Credit two hours. Prerequisite, Hotel Accounting 81 and 82. Required of sophomores. Lecture, M 9. Roberts 392. Laboratory, M or F 1.40-4. Dairy Building 412. Messrs. COURTNEY and OLSEN.

Hotel accounting and control of income. Special methods for controlling room and food income. Relation of accounting procedure to front-office practice. The specialized journals used in hotels. The transcript, the controller's report, the summary entries at the end of the month, the adjusting and closing entries, and the final closing of the books.

182. Hotel Accounting. Second term. Credit two hours. Prerequisite, Hotel Accounting 181. Required of sophomores. Lecture, M 9. Roberts 392. Laboratory, M or F 1.40-4. Dairy Building 412. Messrs. COURTNEY and OLSEN.

A continuation of Hotel Accounting 181. Preparation of profit and loss statement and balance sheets with supporting schedules. The uniform system of accounts for hotels as recommended by the American Hotel Association. Classification of expenses. Special forms of the general ledger. The columnar income and expense ledger. The six-column journal. The closing of the books and the preparation of the monthly and annual statements. Profit-and-loss adjustments.

183. Hotel Accounting, Advanced. First term. Credit two hours. Required of juniors. Prerequisite, Hotel Accounting 182. Lecture, M 12. Roberts 292. Laboratory, T or Th 1.40-4. Dairy Building 412. Messrs. COURTNEY and OLSEN.

Preparation of the income-tax return. Stock control. Receiving and purchase record. The purchase journal. The payroll. Petty-cash disbursement. The asset accounts. Liability accounts. Depreciation. Depreciation by revaluation applied to china, glassware, silver, and linen. Amortization of bond discount.

184. Hotel Accounting, Advanced. Second term. Credit two hours. Required of juniors. Prerequisite, Hotel Accounting 183. Lecture, M 12. Roberts 292. Laboratory, T or Th 1.40-4. Dairy Building 412. Messrs. COURTNEY and OLSEN.

Valuation of the assets of the hotel. Appraised values. Appreciation. Earned surplus and capital surplus. Depreciation rates. Auditing; internal control, balance-sheet audits, monthly audits, detailed audits. Comparative balance sheets and the statement of new assets and the application thereof. Principles of food control, sales and cost analysis, preparation of food cost reports.

185. Hotel Accounting Problems. Second term. Credit two hours. Prerequisite Hotel Accounting 183. Should be taken with or after Hotel Accounting 184. W 9-12. Dairy Building 412. Messrs. TOTH and COURTNEY.

Incorporating the hotel owning and operating companies. Financing bond issues and discounts. Accounting provisions in hotel leases and management contracts. Installation of hotel accounting systems.

186. Interpretation of Hotel Financial Statements. Second term. Credit two hours. Prerequisite Hotel Accounting 183. W 1.40-4. Dairy Building 412. Messrs. TOTH and COURTNEY.

Study and discussion of hotel balance sheets and profit and loss statements. Typical balance sheet and operating ratios of representative hotels.

188. Front Office Practice. Second term. Credit one hour. Open to juniors and seniors, and to lower classmen by permission. M 1.40-4. Caldwell 100. Messrs. READY and DESAUSURE.

FAMILY LIFE

[III. **The Family.** First term. Credit two hours. For seniors, and others by permission. Professor VAN RENSSLAER.] Not given in 1930-31.

This course embraces a study of modern social and economic problems of the family. It treats of survivals of various characteristics governing family life; the work of women and their industrial and economic conditions are studied with reference to the home and to society.

101. Principles in Child Guidance, Elementary Course. First or second term. Credit three hours. Prerequisite, Rural Education 111. Prerequisite or parallel, Rural Education 116. Required of teachers and extension workers. Should be taken the second term of the junior year. Lectures and discussion: first term, M W 9, Room 245; second term, W F 9, Room 100. Two hours observation weekly in the laboratory. Time to be arranged with instructor during registration. Professor WARING and Misses REEVES and ———.

This course aims to make students see children in relation to the adults who guide them. It undertakes to direct them to observe the child's behavior impersonally and objectively, to record accurately what they see; to organize their records so that they disclose significant and characteristic behavior of each child; to distinguish between desirable and undesirable behavior of the children and between desirable and undesirable guidance procedures of adults. Laboratory fee, \$5.

107. Home and School Environment for Young Children. Second term. Credit three hours. Prerequisite, Family Life 101. Advised for teachers and extension workers. Should be taken in the senior year. Lectures and discussion, T Th 8, Nursery School. Two-hours observation weekly in the Nursery School and the home. Time to be arranged with instructor during registration. Professor FOWLER.

Principles underlying the selection, care, and use of materials and equipment for pre-school children in home, nursery, or kindergarten, evaluation and constant readjustment of this environmental equipment by adults as determined by the child's response to it.

Consideration is given to such material elements in the child's environment as toys, books, pictures, plastic materials, paint, tools, and nature materials, and the child's response to these. Laboratory fee, \$5.

125. Infant and Child Hygiene, Elementary Course. First term. Credit two hours. Advised for teachers and extension workers. Should be taken in the junior year. Lecture and discussion, T Th 10. Room 100. Dr. BULL.

This course is concerned with the indications of health in the baby and the pre-school child, the physical care and some of the hygienic measures that give maximum protection from some of the defects and diseases of babyhood and early childhood. It aims to give the student a fundamental knowledge of the factors making for positive health, of the common diseases, physical defects and disturbances that should have medical attention; and of the relation of child health and hygiene to other trends making for better children.

127. Infant and Child Hygiene, Advanced Course. Second term. Credit two hours, for discussion only; three hours for discussions and laboratory. Laboratory hours to be arranged. Open to students majoring or minoring in Child Guidance. Discussions, T Th 10, Room 100. Dr. BULL.

This course presupposes that course 125 or its equivalent has been taken. It is designed to give students with a special interest in young children a more comprehensive knowledge of the healthy child, of all factors making for positive health and wholesome physical development, and of family and community health measures. Laboratory fee, \$5.

205. Principles in Child Guidance, Advanced Course. First term. Credit three hours. Prerequisite, Family Life 101. Advised for teachers and extension workers. Should be taken in the senior year. Lectures and discussion, W F 8, Nursery School. Two-hours observation weekly in the laboratory. Time to be arranged by instructor. Professor WARING.

This course undertakes to direct students to observe what situations young children meet, how they meet them, and what adults do to help or to hinder the children in meeting them in desirable ways. It undertakes to study a child's behavior, to see what it may involve in performance, in attitude, and in meaning, to discover in which of these aspects, if any, his experience is undesirable, to see what elements in the situation must influence his behavior, how he usually responds to them, how adults may change the situations and thereby improve his behavior. Laboratory fee, \$5.

215. Research in Child Behavior and Child Guidance. First and second terms. Credit two or four hours. Prerequisite, Family Life 205. Open to graduate students only. Nursery School. Professor WARING.

Class discussion of the factors involved in controlling a situation for scientific experimentation and in safeguarding children from exploitation; some practice in reporting on a selected bibliography and in searching out additional articles.

Report of research problems of graduate students and discussions of the values of the matters investigated, the procedures of investigation, and the limited findings in the light of experimentation to date.

EXTENSION

Students desiring to specialize in extension may register for Special Problems 150 (extension), 2 hours, first and second terms.

SPECIAL PROBLEMS

150. Special Problems. First and second terms. Credit and hours by arrangement. Open to seniors and graduate students in home economics, and to other qualified students by special consent. Prerequisite, a fundamental knowledge of home economics. Instruction by members of the staff.

A course intended for the development of the individual student in particular lines of work. It includes not only the acquisition and discussion of subject matter, but also consideration of the logical organization of subject matter by teachers and extension workers, and the proper presentation of findings by research workers. Fee determined by the problems.

EXTENSION WORK

Extension work in home economics at the New York State College of Home Economics is designed to help residents of New York State in their home problems and is done in cooperation with the county home bureaus, working through a county home-demonstration agent. The College offers correspondence service relative to homemaking subjects, as well as a limited number of addresses given by members of the resident and extension staffs of the College of Home Economics. For further information address the State Leader of Home Economics Extension, New York State College of Home Economics, Ithaca, New York.

SUMMER SCHOOL

Courses in Home Economics are offered in the six-weeks summer session, beginning early in July. For information concerning the summer courses, address the Secretary of the New York State Colleges of Agriculture and Home Economics, Ithaca, New York.

COURSES IN OTHER COLLEGES WHICH MEET THE SPECIFIC REQUIREMENTS OF REGULAR STUDENTS IN THE COLLEGE OF HOME ECONOMICS*

10. Agricultural Engineering: Household Mechanics. Second term. Credit three hours. For women students. Lectures, T Th 12. Caldwell 143. Practice, Th 1.40-4, F 10-12.30, or F 1.40-4. Agricultural Engineering Laboratories. Professor ROBB and Messrs. WRIGHT and ———.

Laboratory fee, \$1.

161. Agricultural Engineering: Mechanism of Hotel Machines. First term. Credit four hours. Required of juniors. Prerequisite, Drawing 2 and Physics 3 and 4. Lectures, M W F 9. Roberts 292. Laboratory, M T W or Th or F 1.40-4. East Roberts 1. Professor RANDOLPH and Mr. SAYLES.

Laboratory fee, \$5.

*Descriptions of these courses may be found in the catalogues of the Colleges in which they are given.

162. Agricultural Engineering: Hotel Power Plants. Second term. Credit three hours. Required of juniors. Prerequisite, course 161. Lectures, W F 11. Roberts 392. Laboratory, T W Th F 1.40-4, S 9-11.20. East Roberts 2. Professor RANDOLPH and Mr. SAYLES.

Laboratory fee, \$5.

163. Agricultural Engineering: Hotel Auxiliary Equipment. First term. Credit three hours. Required of seniors. Prerequisite, course 162. Lectures, W F 11. Roberts 292. Laboratory, W Th F 1.40-4, T S 9-11.20. East Roberts 2. Professor RANDOLPH and Mr. SAYLES.

Laboratory fee, \$5.

164. Agricultural Engineering: Hotel Engineering Problems. Second term. Credit three hours. Open to a limited number of seniors with the consent of the instructor. Prerequisite, course 163. Class discussion, T Th 10-11.30. Professor RANDOLPH.

Fee for materials, \$2.

91. Animal Husbandry: Meat and Meat Products. First or second term. For students in hotel administration. Credit two hours. Laboratory assignment must be made at the time of registration. Lecture, M 8. Animal Husbandry Building B. Practice, M or T 1.40-4 or F 8-10.20. Animal Husbandry Building B and Meat Laboratory. One required trip. Mr. SCHUTT. Laboratory fee, \$2.

92. Animal Husbandry: Meat and Meat Products. First or second term. For students in home economics. Registration limited to twenty students. Credit one hour. Laboratory and lecture period, F 1.40-4. Animal Husbandry Building B and Meat Laboratory. Mr. SCHUTT.

Laboratory fee, \$2.

2. Bacteriology: Elementary Bacteriology. Second term. Credit three hours. Prerequisite, Chemistry 101. Open only to students in the College of Home Economics. Lectures, recitations, and laboratory practice, T Th 8-11 or 1.40-4.30. Dairy Building 119 and 301. Assistant Professor STARK and Mrs. STARK. A general elementary course adapted to the needs of students in home economics. Laboratory fee, \$10.

1. General Biology. Throughout the year. Credit three hours a term. First term prerequisite to second. Not open to students who have had college courses in zoology and botany. Lectures, M W 9 or 11. East Roberts 222. One practice period a week. Professor CLAASSEN, Mr. WOLF, and assistants.

Students must report to the Biology office, Roberts 322, for assignment to laboratory sections at the time of registration. Laboratory fee, \$3.50 a term.

1. Introductory Zoology. First and second terms. Credit three hours a term. Two lectures and one laboratory period weekly. Lectures: section 1, T Th 9; section 2, T Th 11. Goldwin Smith B. Laboratory, M T W or F 1.40-4, or S 8-10.20. McGraw 2. Professor REED, and Misses MEKEEL, McMULLEN, and PHELPS.

Registration with the department before instruction begins is necessary for the assignment of laboratory and lecture sections.

303. Biology: Human Physiology. First or second term. Credit three hours. M W F 10. Stimson Amphitheater. Assistant Professor DYE and instructors.

314. Biology: Elementary Biochemistry. First term. Credit three hours. Prerequisite, Chemistry 375 or its equivalent. Lectures, M W 12. Conferences, F 12. Stimson 4. Professor SUMNER and Mr. KIRK.

314a. Biology: Laboratory Work in Biochemistry. First term. Credit two hours. Prerequisite or parallel, Animal Biology 314. M W 1.40-4. Stimson 34. Professor SUMNER and Mr. KIRK.

1. Botany: General Botany. Throughout the year. Credit three hours a term except by permission of the department; both terms of the course must be completed to obtain credit. Lectures, T Th 9 or 11. East Roberts 222. Laboratory, one period of two and one-half hours. Stone. Assignment to sections must be made at the time of registration. Professor PETRY, Messrs. LAUBENGAYER,

MAGUIRE, and LINDSAY, and Misses KOCH and CREIGHTON, and others. Laboratory fee, \$3.50 a term.

101. Chemistry: Introductory Inorganic. Repeated in the second term. Credit three hours. Lectures, T Th S 11, M W F 11, Baker, Main Lecture Room. Professor BROWNE and Assistant Professor LAUBENGAYER.

Examinations for those who were unavoidably absent from the final examination in Chemistry 101 and 105 will be held at 2 p.m. on the day before instruction begins in the fall.

105. Chemistry: Introductory Inorganic. Recitations and laboratory practice repeated in the second term. Credit three hours. Recitations, one hour per week to be arranged. Laboratory sections: first term, M F 1.40-4, T Th 1.40-4, W 1.40-4, S 8-10.20; second term, M F 1.40-4, T Th 1.40-4. Room 150. Professor BROWNE, Assistant Professor LAUBENGAYER, and assistants.

Chemistry 101 and 105 must be taken simultaneously unless permission has been obtained by the student from the Dean of his College and from the Department of Chemistry to take either course alone.

210. Chemistry: Introductory Qualitative Analysis. Shorter course. Repeated in the second term. Credit three hours. Prerequisite, Chemistry 101 and 105. Lecture, T 12. Baker 207. Laboratory sections, T Th 8-10.20, T Th 1.40-4. Baker 50. Dr. MURRAY and assistants.

225. Chemistry: Introductory Quantitative Analysis. Shorter course. Repeated in the second term. Credit three hours. Prerequisite or parallel, Chemistry 210. Lecture, Th 12. Baker 207. Laboratory sections, T Th 8-10.20, T Th 9-11.20, M W 1.40-4, T Th 1.40-4. Baker 252. Mr. FLOYD and assistants.

375. Chemistry: Elementary Organic. First term, lectures and written reviews only, four hours credit: with laboratory, five to six hours credit. Prerequisite, Chemistry 101 and 105. Lectures and written reviews, M W F S 12. Baker, Main Lecture Room. Laboratory sections, Th 1.40-4, Baker 250. Laboratory conference, M 12. Baker 207. Assistant Professor J. R. JOHNSON, Mr. TALLMAN, and assistants.

830. Chemistry: Elementary Chemistry of Food Products. Second term. Credit two hours. Prerequisite, Chemistry 101. W F 10. Baker 377. Professor CAVANAUGH.

2. Drawing: Mechanical Drawing. First term. Credit three hours. Open only to students in hotel administration and required of them. Lectures during laboratory periods. Laboratory, T 1.40-4 and S 8-10.20. Additional practice periods to be arranged to suit the schedule of the student. Dairy Building, Fourth Floor. Assistant Professor REYNA.

Work will begin with the first laboratory period. Students must apply at Roberts Assembly on registering with the department regarding materials required. Laboratory fee, 50 cents.

1. Economics: Modern Economic Society. Repeated in second term. Credit five hours. Daily except S 8, 9, 10, 11, 12. Professor SLICHTER.

In the first term the enrollment will be limited. Students should register, if possible, on the first day of registration. Assignment to sections will be made on registration days at Goldwin Smith 260.

2a. Economics: Modern Economic Society. First term. Credit three hours. M W F 8, 9, 11; T Th S 8, 9, 11. Professor SLICHTER.

Courses 2a and 2b have the same content as course 1. Enrollment will be limited, and students should register, if possible, on the first day of registration. Assignment to sections will be made on registration days in Goldwin Smith 260.

2b. Economics: Modern Economic Society. Second term. Credit three hours. Prerequisite, course 2a. M W F 8, 9, 11; T Th S 8, 9, 11. Professor SLICHTER.

11. Economics: Money and Banking. Repeated in second term. Credit three hours. Prerequisite, Economics 1 or its equivalent. M W F 10. Goldwin Smith 142. Professor REED.

2. Education: Principles of Secondary Education. Second term. Credit three hours. Prerequisite, Education 1. Students must report to Goldwin Smith 251 for assignment to sections. Section 1, M W F 2. Professor JORDAN. Section 2, T Th S 12. Assistant Professor FREEMAN. Goldwin Smith 234.

13. Education: History of American Education. First or second term. Credit three hours. Prerequisite, Education 1 or its equivalent. T Th S 10. Goldwin Smith 225. Mr. HULSE.

1. English: Elementary Composition and Literature. Throughout the year. Credit three hours a term. M W F 8, 9, 10, 11, 12, and T Th S 8, 9, 11, 12. Rooms to be announced. Messrs. BALDWIN, JOHNSON, ELSON, AINSWORTH, BISSELL, and E. C. SMITH.

This course is open to underclassmen in Agriculture, Architecture, Chemistry, and Home Economics, who have satisfied the entrance requirements in English. Students who have not taken the course in the first term may enter in the second term.

Registration in the course is in charge of Mr. Baldwin. Students who elect English 1 must apply at Roberts 292 on Monday, Tuesday, or Wednesday of registration week.

101. Extension Teaching: Oral and Written Expression. First term. Credit two hours. Open to juniors and seniors, and to others by arrangement. The number in each section will be limited. Students will consult Assistant Professor PEABODY for assignment to sections. Lectures and practice, M F 11, W F 10, or T Th 11, Roberts 131; T Th 10, Roberts 292. Criticism, by appointment, daily, 8-1. Professors EVERETT and WHEELER and Assistant Professor PEABODY.

15. Extension Teaching: Agricultural Journalism. First term. Credit three hours. Open only to those who have passed the required hours in English with an average grade of C, or better. T Th S 10. Fernow 210. Professor BRISTOW ADAMS.

1. French, Elementary Course. Throughout the year. Credit six hours on completion of the course; upperclassmen, four hours. M W F 12, T Th S 8.

The course is continuous throughout the year and no credit is allowed for the first term alone. Students with first year entrance French should enter the course the second term.

1. Hygiene. First term. Credit one hour. One lecture recitation each week with preliminary examination and final. The use of a textbook will be required.

Sections for men: M 9, 10, 11, 12; T 9, 11, 12; W 8, 9, 10, 11, 12; Th 8, 9, 11, 12; F 8, 11; S 8, 9, 10, 12. Professor SMILEY, Assistant Professors GOULD, SHOWACRE, YORK, and Doctors ROBINSON and CARRUTHERS.

Sections for women: M 8; T 8, 10; W 11; Th 10, 2; F 9, 2; S 11. Assistant Professor EVANS and Doctor GWIN.

Students must report for registration and assignment to sections, the men at the Old Armory, the women at Sage Gymnasium.

2. Hygiene. Second term. Credit one hour. One lecture recitation each week with preliminary examination and final. The use of a textbook will be required.

Sections for men: M 9, 10, 11, 12; T 9, 11, 12; W 8, 9, 11, 12; Th 9, 11, 12; F 8, 11, 12; S 8, 9, 10, 12. Professor SMILEY, Assistant Professors GOULD, SHOWACRE, and YORK, and Doctors ROBINSON, and CARRUTHERS.

Sections for women: M 8; T 8, 10; W 11; Th 10, 2; F 9, 2; S 11. Assistant Professor EVANS and Doctor GWIN.

Students must report for registration and assignment to sections, the men at the Old Armory, the women at Sage Gymnasium.

3. Physics: Introductory Experimental Physics. First term. Credit three hours. Lectures, W F 9 or W F 11. Rockefeller A. Professor MERRITT. Laboratory, one two-hour period a week, to be arranged. Rockefeller 220. Messrs. GILBERT, HAZLEWOOD, HIRSH, MANN, MINGINS, SCHOEFFLE, SIMPSON, THEN, TRAWICK, and WILBER. Courses 3 and 4 form a continuous first course. Course 4 may be taken before course 3.

4. Physics: Introductory Experimental Physics. Second term. Credit three hours. Lectures, W F 9 or W F 11, Rockefeller A. Assistant Professor HOWE. Laboratory, one two-hour period a week, to be arranged. Rockefeller 220. Messrs. GILBERT, HAZLEWOOD, HIRSH, MANN, MINGINS, SCHOEFFLE, SIMPSON, THEN, TRAWICK, and WILBER.

111. Rural Education: Psychology for Students of Education. First or second term. Credit four hours. Open to juniors and seniors. First term: Section 1, lectures, M W F 11, Caldwell 100; laboratory, T 1.40-4, Caldwell 282. Section 2, lectures, M W F 11, Marketing Building; laboratory, W 1.40-4, Caldwell 282. Section 3, lectures, M W F 9, Caldwell 143; laboratory, Th 1.40-4, Caldwell 282. Second term: Section 1, lectures, M W F 11, Caldwell 143; laboratory T 1.40-4, Caldwell 282. Section 2, lectures, M W F 8, Caldwell 100; laboratory, Th 1.40-4, Caldwell 282. Professor KRUSE, Assistant Professor BAYNE, and Dr. WINSOR.

114. Rural Education: Psychology for Students of Hotel Administration. First term. Credit four hours. Open to juniors and seniors. Required. Lectures, M W F 8. Caldwell 282. Laboratory, Th 1.40-4. Fernow 210. Assistant Professor UHRBROCK.

116. Rural Education: Psychology for Students of Child Training. Second term. Credit two hours. Open only to students who have had course 111. T Th 11. Caldwell 282. Professor KRUSE.

119. Rural Education: Personnel Administration. Second term. Credit three hours. Prerequisite, Rural Education 114. M W F 9. Caldwell 282. Assistant Professor UHRBROCK.

135. Rural Education: The Teaching of Home Economics in the Secondary School. Second term. Credit three hours. Prerequisite, Rural Education 111. Required of juniors preparing to teach. Rural Education 181 or its equivalent should precede or parallel it. Lectures, T Th 8. Laboratory, T or Th 1.40-4. Caldwell 143. Professor BINZEL.

136. Rural Education: Directed Teaching of Home Economics in the Secondary School. First or second term. Credit two or three hours, amount to be determined by work done. Prerequisite, Rural Education 135. Students planning to take this course should arrange with the department during the junior year. General conferences, S 8-10. Caldwell 282. Professor BINZEL and Misses BULL and HASTIE.

A week-end trip for the purpose of studying equipment is a part of the course.

181. Rural Education: Principles of Education. Second term. Credit three hours. Open to juniors and seniors who have completed course 111. Students preparing to teach home economics should take this course. Section 1, M W F 11, Caldwell 282; section 2, M W F 8, Roberts 292. Professor MOORE.

A consideration of fundamental principles of education with special attention to the needs of prospective teachers in the high school.

1. Rural Social Organization: Introduction to Sociology. Second term. Credit three hours. Open to sophomores. Lectures and discussions, T Th S 8. Roberts 292. Mr. ———.

121. Rural Social Organization: The Family. First term. Credit four hours. Open to juniors, seniors, and graduate students. (A separate section for graduate students will be arranged at another hour if registration warrants.) Prerequisite, course 1 or its equivalent. Lectures, discussions, group conferences, and reports. T Th S 11 and one-hour group conference to be arranged. Roberts 292. Professor SANDERSON.

Fee for materials, \$3.50.

UNIVERSITY REQUIREMENTS FOR THE DEGREE OF BACHELOR OF SCIENCE, AND RELATED ELECTIVE COURSES

Hygiene and Preventive Medicine.

All undergraduate students are required to present themselves to the Medical Advisers and receive a thorough confidential physical examination once a year.

Appointments for this examination must be made during the regular registration days of the first term by all entering students and sophomores. Appointments for this examination must be made during the regular registration days of the second term by all juniors and seniors.

All freshmen are required to include Hygiene 1 and 2 in their schedules.

The following courses may be elected for credit. All registrations at Hygiene office, Old Armory.

3. **Hygiene: Health Supervision of School Children.** Second term. Credit two hours. Open to sophomores, juniors, and seniors. Prerequisites, suggested but not demanded, Human Physiology and Anatomy. T Th 12. Histology Lecture Room, Stimson. Assistant Professor GOULD.

A practical course of lectures and demonstrations designed to familiarize the student with the facts and methods necessary for making an effective health supervision of school children.

4. **Hygiene: Advanced First Aid.** First term, repeated in second term. Credit one hour. Prerequisites, Hygiene 1 and 2 and Human Anatomy or Human Physiology. Enrollment limited, and registration only after conference with instructor in charge. First term: section 1, T 12; section 2, F 9. Second term: section 1, W 8; section 2, S 9. Anatomy Lecture Room, Stimson. Assistant Professor SHOWACRE.

This course includes the theory of the diagnosis and temporary treatment of the common emergencies with practical application of the essential fundamentals.

5. **Hygiene: Industrial Hygiene.** First term. Credit one hour. Prerequisites, Hygiene 1 and 2. Th 12. Histology Lecture Room, Stimson. Assistant Professor GOULD.

Factory, sanitation, ventilation, and illumination; occupational poisoning and disease; factory legislation; accident prevention; fatigue in industry; preventive medicine in the industries.

7. **Hygiene: Rural Hygiene.** Second term. Credit one hour. Prerequisites, Hygiene 1 and 2. W 12. Stimson, Anatomy Lecture Room. Professor SMILEY.

A general consideration of the health problems peculiar to rural areas, with the presentation of practical schemes for the solution of these problems as far as possible.

8. **Hygiene: Mental Hygiene.** First term. Credit one hour. Prerequisites, Hygiene 1 and 2. T 2. Histology Lecture Room, Stimson. Assistant Professor GWIN.

A study of the factors involved in the maintenance of mental health of the individual; that is, satisfactory human relationships, attitudes, and behavior. Discussion of the causes and mechanisms underlying the more common personality deviations.

Physical Training

6. **Physical Training for Women (Freshmen).** Throughout the year, three periods a week. Misses BATEMAN, CANFIELD, DANIELS, and RYAN, and Mrs. PRIDHAM.

7. **Physical Training for Women (Sophomores).** Throughout the year, three periods a week. Misses BATEMAN, CANFIELD, DANIELS, and RYAN, and Mrs. PRIDHAM.

The work of the two years consists of outdoor sports from the beginning of the year to Thanksgiving, and from the Easter vacation to the end of the year. From Thanksgiving to Easter, the work is indoors, and consists of gymnastic exercises, folk, aesthetic, and interpretative dancing, indoor games, and apparatus work. Corrective exercises as prescribed by the Medical Examiners as a result of the physical examination required of all students in the University. Miss DANIELS.

For further information as to the required work in physical training, see the handbook issued by the department.

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